

OSCILLATOR

OTVARC



Oregon Tualatin Valley Amateur Radio Club (Est. 1978)

April 1999

THE PRESIDENT'S MESSAGE

By Betty, N7REX

According to the calendar, spring has arrived. The daffodils are blooming and the tulips are just beginning to show signs of life. So why is it still so wet?

Most of us were hoping in 1996 when there was so much on the news about the 100 year flood plain that it was a one year event. Unfortunately, about every 100 years or so a decade of increased precipitation and flooding takes place. That means we can expect more of this gloomy weather this year and for several years to come. How depressing.

What's worse, I spent the only weekend of sunny weather in California in the rain at an Educational Seminar. Groan, groan!

With the spring comes a need for ham radio operators to help on public service events and the usual list of 'help wanted' for Sea*Pac. Remember that Sea*Pac provides the bulk of our operating budget. Sign up this month to help. Plan to attend. Bring the family. Bring friends. Get involved.

April is earthquake preparedness month. This month it is time for 72 hour emergency kits to be brought in by members with call suffixes N-Z. If you forgot or didn't make the last meeting, but have your kit ready, bring it in for display. If you have your "ham radio station in a suitcase" ready to go in the event of an emergency, bring it in for display too (AaaaaDH I'm counting on you).

Field day is just two short months from now. Get your equipment in order, do an inventory and come to the meeting prepared to share what parts you can add to the stations. If I understand correctly, we will be at Willamette Mission State Park again this year. Hopefully at one of the group covered shelter areas. Get your RVs, tents, or sleeping bags ready to go. Plan to attend even if you can't stay for the entire weekend. Field day is always a lot of fun and of course we have a wonderful potluck. Hopefully this year you won't

have to worry about the "ancient one crossing signs".

I hope some of you were able to attend Judge Milnes' retirement party (from the bench, not ham radio). Unfortunately, a number of the travelers were already at Cape Kiwanda when the reception was held. Our spirits were with Greg though.

I appreciate all of you who have been helping us and all of your prayers and offers of support. I suspect I will be asking for a lot of favors in the next few months. Thanks and 73, Betty. <>

NEW MEMBERS

By the Editor, W7OTV

Please join me in welcoming our latest new members into the OTVARC:

Russ Fillingier, W7LXR, of SW Florida Street in Portland; and Doug Meyers, KD7AYX of Parson Street in Forest Grove.

Help them become acquainted with the many opportunities provided by our club. <>

NEXT MEETING

WEDNESDAY, APRIL 14TH

Our guest for the April meeting is Doug Sherman with Larsen Antenna Technologies. He'll be talking about their products, with special emphasis on mounting and using their various antenna series. Doug will give a presentation on antenna specifications and performance, and will also bring samples of Larsen antennas which operate in the amateur bands. See page 2, column 2, "Speaker Background."

W7OTV 146.960 (RPTR)

WWW.OTVARC.ORG

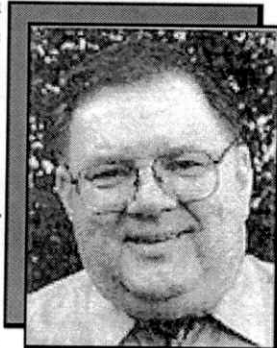
LONGEST-SERVING JUDGE ANNOUNCES RETIREMENT

From THE OREGONIAN, By Holly Hanks
March 11, 1999 issue

**Judge Gregory E. Milnes plans to do some traveling
after 30 years' service on the bench**

HILLSBORO - Judge Gregory E. Milnes, Oregon's most senior jurist, is resigning his seat on the Washington County bench effective at the end of the month.

A reception honoring Milnes, who has been a Circuit Court judge in Hillsboro since 1969, was held Friday, March 12th, from 3 p.m. to 5 p.m. in the jury assembly room on the first floor of the Washington County Courthouse.



Greg, W7AGQ

Milnes took a medical leave of absence last July for an undisclosed condition, but ran on the November ballot unopposed for the Position 4 judgeship, giving him another six year term. Retired and visiting judges from around the state have rotated into his courtroom since last summer.

"I'm feeling quite well now," Milnes said when contacted Tuesday at his Hillsboro home.

He said he was retiring so he could travel with his wife Loretta, visit their grandchildren and "enjoy life." He has asked Wallace Carson, Oregon Supreme Court chief justice, to assign him as a Plan B judge so he can serve five weeks a year in courts around the state as needed.

"I turned 60 a few days ago, so it's a reasonably good time to retire when I can still do things," Milnes said.

Milnes began his Washington County law career in 1967 as a deputy district attorney. Gov. Tom McCall appointed him a district judge two years later, making him at the time the state's youngest judge. He was elected to the Circuit Court five years later and gravitated to family-law cases because he said he found them more rewarding.

In 1998, the functions and duties of the District Court were combined with those of the Circuit Court.

"He was an extraordinarily fine trial judge," Carson said. "He certainly has been a distinguished member of the bench and has served the people of the state well."

Kitzhaber will appoint a judge to Milnes' position but possibly not until the summer because of the lengthy application and interview process.

The Oregon State Bar has called for people interested in the position to submit applications by Tuesday. Ballots will be mailed to bar members in Washington County and must be returned by April 14. The results of the poll then will be sent to the governor's office.

The Washington County Bar Association's judicial screening committee will look at the candidates and make a recommendation.

Kitzhaber's appointee will serve until January 2001.

<>

APRIL MEETING SPEAKER BACKGROUND

By JD, W7JDF

My call sign is N7NGO, and I am the immediate past president of the Academy Amateur Radio Club in Auburn, WA. I joined Larsen at the end of August this last year and moved to the Vancouver area from the Seattle area.

The following is some info about Larsen and myself: Worked as an antenna engineer for 14 years at The Boeing Company. I have been working at Larsen since August 1998. First licensed as a Novice in 1987. Took the old test but received privileges as an "enhanced" Novice. Upgraded to Advanced class in 1989. My call sign since 1989 has been N7NGO. Operating interests: HF mobile, VHF-UHF contests from mountain tops.

Since 1965 Larsen has been making high quality, high performance antennas for amateur and professional applications. Larsen manufactures antennas for portable (handheld), mobile, and base station applications in the 27 MHz through 2.4 GHz frequency range. Larsen is also involved in designing custom antennas in partnership with original equipment manufacturers. <>

ROYAL QSO

By Bob, W7FPY

It was early 1990, and I was logged into our usual morning net of retired folks checking on each other around the nation. Although our usual Net Control, N9FQW (now SK) was in Illinois, propagation was deteriorating to where we were also using a West Coast NCS, Dick, N7MOM in Creswell, Oregon.

The Net had just been turned back to Dick for more western checkins when JY I (now also SK) checked in. He and Dick had a short QSO and then JYI asked to chat with one of our Wichita, Kansas, participants. While this was in progress, our Illinois Net Control could be heard in a stage whisper going, "Dick, Dick, do you know who that is?"

I knew of course, that it was King Hussein of Jordan, and I really wanted to have a contact with him too. But I was in a quandary.... how does one correctly address a monarch? Should I call him, "Your Majesty"? "Your Worship"? "Your Highness"?

The King solved that problem for us very nicely. He said, "...It is true that I am the Chief Executive of my country, but today I am just another amateur radio operator." That struck me as being very representative of what the Amateur Radio Service is all about..... the amateur's unique ability to enhance international goodwill" (FCC Part 97, Sec. 97.1, (e)).

(Continued on page 3)

BORSCH ELECTRONICS

Communications Servicing

9935 S.W. Johnson St.
Tigard, OR 97223

Joe Borsch W7PNS

(503) 684-5201

(Continued from page 2 - ROYAL QSO)

I did not get my royal QSO that day; JYI had to move on. But from then on, I read of his actions in Middle East politics with renewed interest. I did not always agree with his political decisions, but I always remembered that he was willing to take time to visit with rank and file amateur radio operators elsewhere in the world.



MORE FINES AND PRIVILEGE SUSPENSIONS

By Don, KC5MFA
From Amateur Radio Newsline,

The FCC has accused two hams in the North-East of interfering with the operation of a Pennsylvania repeater and have issued both some very stiff fines.

Commission personnel claim that they utilized mobile radio direction finding techniques to locate Michael Gallagher, KB3DHX, of Concord, Massachusetts, and Kornwell Chan, W3CI, of Dresher, Pennsylvania. The FCC alleges that both were maliciously interfering with the Phil-Mont Mobile Radio Club W3QV two meter repeater.

The Commission says that their personnel from the Philadelphia FCC office traced the radio transmissions on multiple occasions in February to a vehicle in Willow Grove and in Hatboro, Pennsylvania. Both licensees have been issued Notices of Apparent Liability for \$7,500.

The FCC has also suspended for 120 days the VHF and UHF operating privileges of Blake Jenkins, N6YSA, of Berkeley, California. Jenkins was listed as the primary control operator for the San Francisco area K7IJ repeater that the Commission ordered off the air two weeks ago.

In a March 3rd letter to Jenkins, the FCC demands that he provide detailed information concerning purported violations that took place over the K7IJ system while was allegedly in control of the system.

The letter also alleges that since the operation of the K7IJ repeater was discontinued, Jenkins has used his own Amateur Radio station to – and we quote – "solicit the jamming of other licensed repeaters in your area" – end quote.

And in an unusual move the FCC letter also raises questions regarding a site on the world-wide-web ostensibly operated by Jenkins. The FCC asserts that the site provides circuit descriptions of jamming devices and techniques.

The FCC says that these are very serious issues and that they must be resolved in order to determine if N6YSA is qualified to retain his Amateur license. ◀▶

BIG CB FINE

From Amateur Radio Newsline

Wayward ham radio operators are not the only private radio users feeling the government's enforcement arm. A Portland, Oregon CB radio operator has been fined \$14,000. The CB radio service operator was notified of the large monetary forfeiture for alleged willful violations of several sections of the FCC's Part 95 Citizens Radio Service Rules. ◀▶

FCC SAYS NO FIRST AMENDMENT PROTECTION FOR RULES VIOLATORS

From Amateur Radio Newsline

If you are one of those hams who feel that you can violate the Amateur Service rules and then get away with it by claiming the protection of the Constitution's First Amendment, the FCC has a surprise for you.

The agency's Riley Hollingsworth, K4ZDH says that the First Amendment is not going to protect rules violators in the Amateur Radio Service. The FCC attorney says that the two are not even remotely related.

Hollingsworth: "It has nothing to do with the First Amendment. The First Amendment is alive and well and certainly does not need any help from Amateur Radio."

Amateur Radio was not set up to enhance the First Amendment. If these groups keep it up, they will be on Internet chat lines in the future talking about how they pushed for First Amendment on ham radio. They will be asking whatever did happen to those ham frequencies? Who bought them at auction? What third world countries ended up using them for a national telephone system? This has nothing to do with the First Amendment and that is not the justification for Amateur Radio."

Hollingsworth made that comment in his exclusive interview with RAIN Producer Hap Holly, KC9RP. In another area, Hollingsworth also says that the FCC is happy with the results of his two forays into on-the-air ham radio trouble spots. As a result, K4ZDH has decided to continue to show up unexpectedly on the air. Who knows, he might even become a part of your next QSO.

Hollingsworth: "This on-the-air work will be done periodically. We are taking an in-your-face approach to clear up the problems and I am more than willing to do it."

By now you may be wondering what other surprises the FCC and Hollingsworth have in store as they proceed with this ham radio cleanup. There are quite a few including the fact that inspectors can now accurately pin point any signal within a few feet even if they are monitoring from thousands of miles away. To find out more, we suggest that you again visit RAIN, the Radio Amateur Information Network at: www.rainreport.com. There you can listen in on part two of Hap Holly's no-holds-barred interview with Riley Hollingsworth. It's also on the telephone at: (847) 827-7246.



FORT VANCOUVER HAMFAIR APRIL 27TH

By Editor, W7OTV

Clark County Amateur Radio Club is sponsoring their Annual Hamfair at the Salmon Creek American Legion, Post 176, in North Hazel Dell, WA. It runs from 8AM to 2PM.

Grand prize is a Kenwood cool blue dual band TMV7A mobile. Admission is \$4 – table registration is \$15 at the door. \$3 in advance – tables are \$10 (includes 1 admission per table). VE testing in the morning. Seminars, testing, hourly prizes, breakfast, lunch and an Early Bird prize of an ADI 201HP 5 watt HT.

Advance admission and tables must be postmarked prior to April 3rd. Take I-5 or I-205 to 134th street exit, then north on 20th. Across from Albertson's store.



OTVARC LUNCH BUNCH

By Harold, WB0BRU, and Julia Landers

Cinco De Mayo! Early!

April 24th at

La Fogata

Yes we're celebrating the Mexican holiday Cinco De Mayo with a little taste of Mexico. La Fogata is located at 3905 SW 117th just off of TV Hiway in Beaverton.

La Fogata is a menu type restaurant with a wide range of Mexican dishes. Appetizers include a variety of nachos, Mexican pizza, quesadillas, and chicken taquitos.

There are nine kinds of Mariscos (seafood dishes) and with their portions you will see food. Five kinds of fajitas, seven Pollo (chicken dishes), six kinds of Burritos and Enchiladas fill the menu. Las Carnes (meat dishes), Huevos (egg dishes) and Los Favoritos also grace the pages of the menu. We must not forget Tostados & salads, soups, or the extras (a la carte portions) to round out your entrée.

We can celebrate the Mexican holiday and a good value with our OTVARC friends. If you have a favorite restaurant that the lunch bunch has not visited, please share it with Julie or me at the club meeting, call us on the phone, or e-mail wa0bru@juno.com.

Ps: On 18 March I worked an XE2 on ten. I also worked a JA2 on the Emperor's birthday in Dec. Lets hear about your DX on or near a holiday for that country. <>

NO-CODE TECH CLASSES STARTING

By Janet, WA7FJC

Now is the time to get that amateur (Ham) license you've always talked about getting so that you will be able to help out your local Emergency Management Program at the local Ham stations being set up at many cities in Washington County.

Ham Radio Classes to get the No-Code Technician Class Amateur Radio license will be held at the Ronler Acres Fire Station, at 4455 NW 229 & Evergreen Parkway in Hillsboro (just off Hwy 26 and Cornelius Pass Rd) on Saturday afternoons from 1 to 4PM on the following dates: March 27, April 3, and April 10. For more info please call me at 503-642-0369, 7:30AM to 3:30PM, or 503 648-4147 evenings

There is no fee for the class, but students will need to purchase the ARRL textbook that accompanies the tape presentation. Approximate cost is \$16. We will have the books available at the first class. If you have a "Now You're Talking" Book with a maroon cover, bring it along.

Info on License testing will be available at the sessions.

SEA PAC
The Place To Be
June 4, 5 and 6, 1999

YL LOCAL ACTIVITIES

By Barbara. KC7KQI

The Two Rivers YL Net meets on 147.24+ (W7AIA, the Clark County 2 meter repeater) at 8:30 p.m. each Wed. evening. All local YL's are welcome to join in.

We have get togethers at local restaurants or Pot Luck brunch/lunches every couple months. Anyone interested can contact me on internet e-mail at byasson@pacifier.com or call the house (360) 574-1152.

The last one was Saturday, March 27th at 12.30PM, at the Cheshire Cat, a restaurant catering to English tea and lunch with English menu.

All YLs are invited to join us on the weekly net and for lunch.

<>

AMATEUR RADIO SPECTRUM PROTECTION ACT OF 1999 INTRODUCED

From the ARRL Letter

It's round two in Congress for the Amateur Radio Spectrum Protection Act. At the request of the ARRL, Rep Michael Bilirakis introduced the 1999 version of the proposed legislation, HR 783, on February 23.

The bill is aimed at ensuring the availability of spectrum to Amateur Radio operators. It would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere.

Bilirakis, a Florida Republican, also sponsored last year's measure, which attracted upwards of 83 cosponsors on both sides of the aisle. Rep Frank Pallone Jr, a New Jersey Democrat, is the initial cosponsor of the 1999 bill.

ARRL Legislative and Public Affairs Manager Steve Mansfield, N1MZA, says the 1999 bill "is largely the same as last year's HR 3572." The major difference is that the 1999 version adds "Amateur Satellite Service" frequencies to "Amateur Radio Service" in detailing the frequencies that would be afforded protection under the act.

Specifically, HR 783 would amend the Communications Act to require the FCC to provide "equivalent replacement spectrum" to Amateur Radio and the Amateur Satellite Service in the event of a reallocation of primary amateur allocations, any reduction in secondary amateur allocations, or "additional allocations within such bands that would substantially reduce the utility thereof" to amateurs.

Mansfield said it's too soon to predict how HR 783 will fare in the new Congress, but said the fact that it has been introduced so early in the session "bodes well for our prospects." He said that a number of the cosponsors from last year already have indicated an interest in signing on again, "so I think we'll have a lot of support."

Mansfield also hopes the bill can take advantage of a desire on the part of the House leadership to move a lot of legislation through this year. "I'm hoping our bill will get caught up in their enthusiasm," he said.

A copy of the measure is available via the Thomas Web site, <http://thomas.loc.gov/> <>

SUB TOUR OF USS BLUEBACK ENJOYED BY PARTICIPANTS

By Editor, W7OTV

George Brennfleck, W7ILS, a long time club member, was the engaging and informative tour guide for 8 "tourists" aboard the USS Blueback, SS581, on the morning of February 27th.

George seemed to be a walking encyclopedia of the missions carried out by the Blueback, and of the myriad details of how a submarine operates both above and below the surface of the ocean.



George, W7ILS, in the Radio Room

The USS Blueback, SS581, was a gift from the US Navy to the Oregon Museum of Science and Industry (OMSI) and has been well maintained by local volunteers – it recently underwent a donated overhaul at the Swan Island Shipyard by the Cascade General Company and volunteer employees there.



"Tourists," counter clockwise, starting from right: George, W7ILS; Ernest, KC7PMZ; Clair, KC7PMW; Larry, KA7BA; Dale, W7FBP; Janet, WB7FJC; Harold, WA0BRU; Barbara, KA7WTF; Tom, KA7NAN.

The Blueback is clean and well lit inside, and tours are conducted by trained and knowledgeable guides who can answer just about any questions a civilian or non-sub sailor can ask. The passageways (hallways) are narrow, and the hatches (doors) will slow you down, but any reasonably mobile person will not have a problem getting around. The tour includes the main passageway, Radio Room, Control Room, Forward Torpedo Room, and the Engine

Room. Other areas such as berthing, Galley (kitchen), eating area, etc., are seen on the guided tour. If you've ever wanted to see the inside of a real sub, especially one that is fairly modern, this is the place to go.

George did advise us that tour guides/radio operators are in short supply. If any Ham would like to become a tour guide, just contact George for further information. The requirements to be a guide or a radio op. are minimal, there is a training program, the demands on your time are small, and there are some benefits.

Tours can be arranged by going to OMSI, but maybe we could talk George into giving some more interested hams a "no charge" tour later this year. Since George is a ham, he is very informed about the Radio Room activities, past and present.

A complete ham station is set up in the Radio Room, and Ham tour guides frequently put the station on the air. If you hear the call W7SUB, be sure and answer it – it will be the Blueback. (photos courtesy of Bob Young, KB7MFD) <>

RELIEVING Y2K WORRIES

By Allan, KB7POR

Here again, with the aim of relieving the Y2K worries, is an excerpt from the Century Book of Facts. The previous century, that is.

Tobacco - The name tobacco is thought by some to have been taken from Tobacco, a province of Yucatan; by others from Tobago, an island in the Caribbean Sea; and by still others from Tobasco, in the Gulf of Florida. The plant, although it is asserted that the Chinese have used it from earliest times, was not introduced into Europe until after the discovery of America by Columbus. He first found it in use on the Island of San Domingo in the West Indies. The Indian, among all the tribes from Peru to Upper Canada, smoked it in pipes.

This seed of the plant was first introduced in Europe by Gonzalo Hernandez de Oviedo, who took it to Spain and cultivated it for ornamental purposes; but its narcotic qualities were shortly afterwards discovered and the practice of smoking it soon became general, and its manufacture into snuff followed in course of time.

It was introduced in Italy and France in 1560 and was brought into the latter country by Jean Nicot, the French Ambassador to Portugal, in whose honor it received its botanical name Nicotiana, whence the name nicotine.

The plant was introduced into England by Sir Walter Raleigh. It was along in the seventeenth century before it was known to be used in Asia, but the Oriental nations at the present time are probably the greatest smokers in the world.

Interesting; as early as 1900 the word narcotic was used in association with tobacco. <>

VOLUNTEERS NEEDED

Volunteers are needed for all kinds of tasks at SeaPac. This well organized event got that way because OTVARC members were gracious in offering some of their time to help keep things going and be a part of it. Please contact Al, W7SIC; Brad, N7NVC; Jim, KA7ADH; Randy, KZ7T; or Will, N7THL. They can help you find the job you will enjoy. You will be rewarded!!!

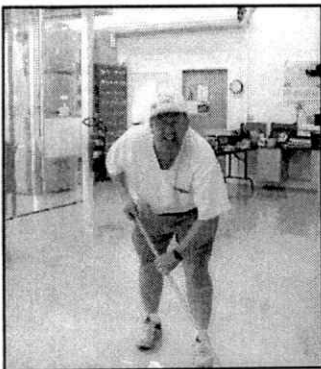
" SPIC - N - SPAN "

By Greg LaHaie, K7YDL

I enjoy many aspects of amateur radio, but few captivate me like the amateur satellites; the exacting scientific standards and expense involved in constructing, testing, and launching these 'birds' for our enjoyment is an incredible effort.

When I was in Orlando, Florida last October to watch John Glenn's liftoff into space, I called the laboratory of AMSAT-NA, to inquire if it was possible to plan a spontaneous visit to see "Phase 3D", the newest amateur satellite undergoing final testing. Expecting no one to answer on a Saturday, I was thrilled when I both got an answer and an invitation to participate in a "clean room" process that was underway that day!

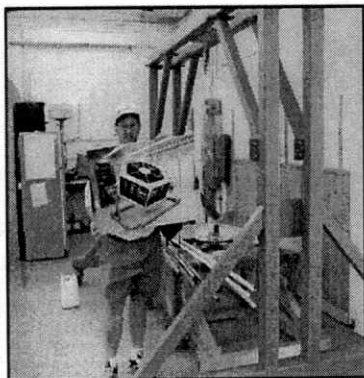
On arrival, my greeter handed me a MOP and a jug of FLOOR WAX – the satellite was briefly out of the lab undergoing vacuum and vibration testing in Maryland. During this brief absence, the staff had it's only opportunity to scrub and sterilize the 'clean room' (when else can you CLEAN the "Clean Room"?).



Greg, doing his job!

A few hours later that floor was spotless!

While not quite the glamorous visit I had hoped for, I nonetheless left that day feeling I had made a small contribution toward the eventual successful launch of P3D. <>



Greg, moving photo of satellite, prior to more mopping.

NO-CODE TECH CLASSES STARTING

By Janet, WA7FJC

Now is the time to get that amateur (Ham) license you've always talked about getting so that you will be able to help out your local Emergency Management Program at the local Ham stations being set up at many cities in Washington County.

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FCC'S RILEY HOLLINGSWORTH VISITS ARRL HQ

From The ARRL Letter (22MAR99)

After six months as the FCC's top Amateur Radio enforcer, Riley Hollingsworth, K4ZDH, says he's pleased with the progress he's made and the support he's received from the amateur community. "I thought it would take a year or two years to be at this point," he told ARRL staff members March 17 during a visit to ARRL Headquarters. "We've had some very good enforcement luck."

Amateur Radio enforcement has been "one of the few victories the Commission has been having these days," Hollingsworth said, and he doesn't expect the impending FCC restructuring – including creation of a new Enforcement Bureau – to affect its course or momentum. At the same time, Hollingsworth expressed some concern that his efforts not be perceived as the FCC "gone crazy" on Amateur Radio enforcement. "I don't want people saying, 'This is too much government,'" he said.

Hollingsworth said that enthusiasm for amateur enforcement has even spread to FCC field personnel, some of whom are hams and who now ask to be included in amateur cases. He pointed to a recent case of interference to a Pennsylvania repeater system that came out of an investigation at the field-office level.

Calling Amateur Radio "a great natural resource," Hollingsworth said he felt privileged to be in his current enforcement role and was enjoying his work immensely. At this stage in the FCC's latest enforcement initiative, Hollingsworth says he's still making up for the FCC's "long period of neglect" of amateur enforcement. But he said he also looks forward to the day when he's no longer needed. He also said he can appreciate the frustrations of the Amateur Auxiliary during the years of FCC enforcement neglect and he welcomes their cooperation in the future.

In the weeks ahead, Hollingsworth said he hopes to turn his attention to such problems as the incursion of unlicensed operators on 10 meters – the so-called "freebanders" who often stray onto amateur frequencies – as well as the improper marketing of equipment to unlicensed individuals and examination fraud cases. He also plans to add some casual monitoring capabilities at his Gettysburg office. "If they know that we're out there bandsurfing, it will help," he said.

Hollingsworth said he's currently working about a month behind in replying and advised those contacting him to use either a letter or e-mail (rholling@fcc.gov) instead of the telephone.

ARRL officials and staff members were quick to praise Hollingsworth's successes as well as his approach, which has been a combination of stern sanctions and "jawboning" with alleged offenders to resolve enforcement issues. As a result, he has not had to designate any amateur cases for hearings. "Few hams have the ability to change the hobby radically," ARRL First Vice President Steve Mendelsohn, W2ML, told Hollingsworth. "We're real fond of you." ARRL Educational Services Manager Rosalie White, WA1STO, called Hollingsworth "a huge breath of fresh air" for ham radio.

During his visit, Hollingsworth made a quick contact with an acquaintance on 20 meters from W1AW. He also had the rare opportunity to wield the original Wouff Hong and Rettysnitch – the traditional symbols manufactured and invoked by "The Old Man" during the early years of the hobby to

(Continued on page 7)

(Continued from page 6 - FCC's Riley Hollingsworth)

Combat poor operating practices. League officials expressed the hope that the experience would provide an additional boost to Hollingsworth's present-day enforcement efforts. <>

A TRIBUTE TO RILEY

From the Amateur Radio Newsline

And finally, the best possible tribute to the man who has taken on the task of removing the trouble makers from ham radio and returning sanity to our bands. It comes in the form of some kind words of support for the FCC's Riley Hollingsworth, K4ZDH overheard on a Los Angeles repeater in the early morning hours of March 2nd.

Several hams were discussing the recent FCC enforcement action involving the San Francisco Grizzly Peak repeater that we reported earlier in this newscast. One of the three was heard to say and we quote: "Thanks to Riley Hollingsworth, I'm once again proud to say that I am a ham."

We suspect that many of you feel the same way. If you do, why not say thanks by sending him a note of thank you and support. His e-mail address is: rholling@fcc.gov <>

VHF BEACONS

From World Radio

For the VHF Dxr, a beacon transmitter is a light shining in the darkness. Some are put up and maintained by volunteers as a guidepost to let others know when a given band is 'open' to areas where that band is not normally heard. Others are commercial operations outside the Ham spectrum 'but close enough to it so as to be usable as indicators to radio amateurs

This month we spotlight several beacon systems of interest to the VHF and UHF Ham community. Let's start in the Southeast, where N4SW reports that he has a pair of beacons operational using the call sign NS4W/B. Both are located in grid-square EM76vj, near Lfollotte TN, at an elevation of 3000' MSL. This site has an excellent view of northwest, north, northeast, east, southeast and south, but is somewhat shaded to the southwest and west.

The 6-meter system is on 50.070 MHz, CW, running about 1/3W to horizontal dipole facing north/south. The 1 1/4-meter beacon can be found on 222.070 MHz, CW, running 3 watts to horizontal omni antenna. The message on both reads 'de ns4w/b. em76vj in Tennessee' followed by a two-second pause and a five-second tone. It then pauses for -three seconds and repeats.

Brandon Anderson tells us about his N8PUM 6M beacon that is on 50.067 MHz. It's now active from Ishpeming, MI, with an output power of 1 watt into a 4-element yagi pointed North. His e-mail address is n8pum@juno.com.

From Robert Homuth, KB7AQD, comes word of an excellent propagation beacon from South America for 10M and 6M propagation. Robert suggests listening daily for "CVH20" on 31.350 MHz. It appears to be a commercial transmitter with a female announcer speaking spanish.

According to Robert, the transmission originates in Montevideo, Uruguay, and runs 100W to a rooftop dipole array. The antenna site is actually on a skyscraper on top of a mountain peak. <>

FOR SALE

Two, Larsen, glass mount 2 meter antennas,
new, Model KG 144PS.
\$37.50 each

12 volt, AM-FM, Cassette, car radio, 20W,
with four speaker output. Used very little.
Sentrek, model SCR1790, in-dash, with
fully detachable control panel.
\$75.00

Call Darwin, K7PSD, at 503 646-5910
on both items above.

WANTED

ALINCO, DR570T, Dual Band Mobile
Call Jim, KB7ADH, at 503-245-2518

THE DREADED Y2K BUG

From Amateur Radio Newsline

Word from Europe that the dreaded Y2K bug has already reared its ugly two digit head. According to ZL2RIC, a chap in a non Y2K compliant European nation recently received a letter from the government's education department. It ordered him to enroll at a local school, as he was now five years old, having been born in 1994.

You guessed it - it turns out that the "young" man receiving the note is actually 105 years old, having been born in 1894. But the non Y2K compliant government computer will not recognize the fact.

It insists that he is five years old once again and it wants him back in the first grade! <>

NEW CANADIAN CALL SIGN

From The ARRL Letter

VY0 became effective April 1, 1999. The new Canadian Territory of Nunavut, VY0, came into effect on April 1, 1999. To reflect this new addition, Nunavut will become a separate multiplier in the two RAC Contests, commencing with the RAC Canada Day Contest on July 1, 1999. <>

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Banks, Oregon 97106

TEENAGE IRISH GENIUS

From The Amateur Radio Newline

The story of an Irish teenager who may have revolutionized the world of electronic mail. Graham Kemp, VK4 BB, reports.

Sixteen year old Irish schoolgirl, Sarah Flannery, has devised a new code that will send e-mail ten times faster, and just as securely, as the current data protection code for e-mail.

The current code was developed in 1977 by three MIT students. Sarah says she is considering publishing her discovery rather than patenting it, because she does not want people to have to pay for it.

As you might expect, Sarah is being deluged with job and scholarship offers.

Now, if we could only get Sarah and other kids like her interested in ham radio. She's the kind of young person that we really need in the hobby. <>

NORTHWEST DIRECTOR ELECTED TO NEW POSITION

From The amateur Radio Newline

The news reports from Newington, Connecticut tell us that Eugene Hastings, W1VRK, along with League Directors John Kanode, N4MM, and **Greg Milnes, W7OZ**, were elected to three year terms as directors of the ARRL Foundation.

Also, the League's Board of Directors has reversed its policy of providing consignments of publications to be sent on request to ARRL conventions and hamfests. The Board said that several years of experience had shown that the policy was not financially successful. <>

LOJACK MURDER ARREST

From Amateur Radio Newline

Word that Los Angeles police have arrested three men suspected of killing a man in Phoenix, Arizona and stealing his car. This, thanks to a commercial radio-tracking device called LoJack.

The LAPD say that they were tipped off by LoJack officials that the car was probably in the Los Angeles area. The on-board Lojack transponder was activated, then the police used their own Lojack tracking system to find the vehicle.

Officers trailed the car a few blocks and pulled it over in front of police headquarters. That's where the three suspects were arrested, thanks to a little help from radio. <>

EDITOR'S COMMENTS

You may have noticed there are four articles on Riley Hollingsworth, K4ZDH, the new FCC Legal Advisor For Enforcement. As Editor, I believe that we all need to know how hard he is working to rid the bands of offenders who have made us angry. See QST, April '99, page 52, for more information. As a club, maybe we should send a big thank you!

PDX TO HOST INTERNATIONAL T-HUNTING

By Joe Moell, K0OV

From the amateur Radio Newline

Whether you call it foxhunting, foxtailing, radio-orienting, or ARDF, international-style transmitter hunting is coming to America. You will soon have a chance to compete against foxhunters from around the world. This fast-growing sport is done completely on foot, no vehicles involved.

There are several age and gender divisions, so anyone of any age who can walk, trot or run can get involved.

The first International Amateur Radio Union Region 2 ARDF Championships are coming to **Portland, Oregon**. If you are selected to be on Foxhunt Team USA, you will take to the forest against hunters from Canada, Japan, and Russia for sure, and possibly from France, Norway, Sweden, Bulgaria and Moldova as well.

The hunts, one on 80 meters and one on 2 meters, will be part of the 6th biennial Friendship Radiosport Games, held during the second week of August.

But don't wait - you need to register now to assure yourself of a place on Team USA. Contact me, the USA's ARDF Coordinator, at my Callbook address, or via e-mail: homingin@aol.com

I'll send information by return mail. You can also learn about radio-orienting and the Championships at my Web site. There's a link to it at the Amateur Radio Newline site. If you don't find the link, click on the Burrowing Owl site link, and that will get you there, too. Who knows, maybe you will be the next foxhunting champion.

Again, the links that Joe mentioned are found on our home page at: www.arnewline.org <>

NEW HAM RADIO TESTING SITE

From The ARRL Letter

ADI Premier Communications, which makes ADI and Pryme products, has debuted its HamTest.com Web site to help ham radio neophytes study for their Amateur Radio examinations. The site, <http://www.hamtest.com>, provides simulated tests, access to all question pools, and a link to the ARRL/VEC home page and the database of upcoming test sessions. Help is available by posting a request in the interactive user forum.

Advice from experienced hams is available in the "Elmers Chat Room." Use of advanced features requires a Java-enhanced browser. The site materials are available free to all. For more information, send e-mail to elmer@hamtest.com. The ADI/Pryme site is at <http://www.adi-radio.com>. <>

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OTVARC Club Contacts

OTVARC Executive Board

President	Betty Mickley	N7REX	642-1284
Vice President	J.D. Fort	K7JDF	259-0269
Secretary	Mike McDonald	KC7YSW	692-5893
Treasurer	Hanford Van Ness	KE7BB	246-7975
Trustee	Jack Smithson	KA7HOJ	646-1873
Trustee	Will Sheffield	N7THL	642-7314
Trustee	Janet Bell	WB7FJC	648-4147
Trustee	Al Berg	W7SIC	640-5456
Trustee	Maureen O'Rourke	KA7LAP	591-9641

Other Club Contacts

ARRL Coordinator	Bob Orr	WF7Q	472-2716
Bunny Hunting	OPEN		
Contesting	OPEN		
DX News	OPEN		
Equipment Loan	Stan Griffiths	W7NI	649-0837
Equipment Valuation	Randy Stimson	KZ7T	297-1175
Equipment Trustee	Al Berg	W7SIC	640-5456
Emergency Services	J.D. Fort	K7JDF	259-0269
Field Day Coordinator	Harold Landers	WA0BRU	620-5041
	Jack Smithson	KA7HOJ	646-1873
Healthe & Welfare	Mary Berg	N7TRW	640-5456
Historian	Al Berg	W7SIC	640-5456
Internet Home Page	Mike Boyd	N7DKQ	640-6041
Member Badges	Carl Clawson	WS7L	629-5796
Newsletter Editor	Dale LeBarron	W7FBP	638-7768
Newsletter Layout	Dale LeBarron	W7FBP	638-7768
Newsletter Distribution	Al Berg	W7SIC	640-5456
Nominating Committee	OPEN		
Packet - Club BBS	Rick Braun	KB7OGD	645-1490
Project Night	Alan Chinnock	KB7POR	636-2237
	Chuck Mickley	KI7CL	652-1284
	J.D. Fort	K7JDF	259-0269
Public Relations	Randy Stimson	KZ7T	297-1175
Public Service	Wes Allen	K7WWG	649-3295
Repeater	Dale Mosby	K7FW	640-0217
RFI & TVI	OPEN		
Satellites	Carl Clawson	WS7L	629-5796
Scholarship	Al Berg	W7SIC	640-5456
Sea-Pac	Brad Beach	N7NVC	657-1781
"	Jim Schaeffer	KB7ADH	245-2518
"	Randy Stimson	KZ7T	297-1175
"	Will Sheffield	N7THL	642-7314
Station Trustee	Chuck Mickley	KI7CL	642-3713
Social	Harold Landers	WA0BRU	620-5041
Technical Specialist	Stan Griffiths	W7NI	649-0837
Tower Ordinances	Greg Milnes	W7OZ	648-6990
Trailer	Dee Lynch	KA7NPN	646-4580
Training(code)	Burt Rooke(PCC)	KI7JX	241-2891
Training(Novice/Tech)	Jim Mockley	AB7XD	629-9354
Training(upgrade)	OPEN		
VE Test Coordinator	Carl Clawson	WS7L	629-5796
VHF/UHF	Arnold Jensen	N7YAG	543-3713

OTVARC Club Information

Purpose: The Oregon Tualatin Valley Amateur Radio Club, a Not-for-profit corporation, wants to be instrumental in helping the prospective as well as established Amateur to become a proficient communicator in the Amateur Radio Service.

Additionally, the intent is to promote the advancement of Amateur Radio Service, through the following five objectives:

1. Education & Training of new and licensed Amateurs.
2. Public Service during public events & community activities.
3. Emergency communications during emergencies & disasters.
4. Hobby enhancement through meetings, nets & contests.
5. Social contact with other amateurs & interested persons.

Special Service Club: OTVARC is an ARRL Special Service Club. The ARRL grants us this distinction due to our participation in emergency preparedness exercises, public service events and other service-oriented programs. In addition, continuing educational and training programs are conducted for FCC licenses. OTVARC benefits from you joining the ARRL through OTVARC. To join or renew your membership in the ARRL, contact the treasurer at any regular meeting.

Newsletter: The *OTVARC Oscillator* is the club newsletter. It is published monthly and is usually mailed on the first of the month. The opinions, views, and recommendations of its contributors are not necessarily those of the club, its officers, advertisers or the editorial staff.

Correspondence: All correspondence may be sent to OTVARC, PO Box 5132, Aloha, OR 97006-0132.

Advertising: Classified ads are free to all paid up members. Display ads are available to approved commercial interests. To place an ad, mail your camera ready copy to the address above and indicate the size desired. All display ads run for six months at a time, from January through June and July through December. All ads must be paid for in advance. Rates are as follows:

Full page	8" X 10"	\$200 for six months
Half page	8" X 5"	\$120 for six months
Qtr page	4" X 5"	\$72 for six months
Bus Card	2" X 3"	\$36 for six months

Meetings: We have two meetings per month. The board meeting is on the fourth Wednesday of each month. All club business is conducted at this meeting. All members are welcome to attend. Contact the President for location and time. The general meeting is on the second Wednesday of each month at the Beaverton Elks Lodge, 3500 SW 104th Ave. (1 block north of Canyon Road). Meetings start at 7PM. If you would like to come early, you can get a nice meal from the Elks for less than \$6.00.

Membership: OTVARC is open to anyone who is interested in amateur radio. You do not need to be a licensed radio amateur to join. Dues are as follows: Full member, \$10/yr; Associate member (non-licensed), \$10/yr; Family members of full member, \$5/yr; Life memberships available - see the Treasurer. Only full members and life members may vote on club business and serve as club officers. All memberships expire on the last day of the calendar year. If you would like to join during the year, see the club treasurer for prorated dues.

How to join: Simply mail the Membership application and/or renewal form along with your dues to the address above.

Internet Home Page: WWW.OTVARC.ORG

WORLDWIDE DISTRIBUTION



Ray McCarty
Manager
KI7TN

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OTVARC TRAVELERS CAMPOUT

April 16-17-18

Come join the group and enjoy a great weekend of camping. Bay Shore has a rec hall, rental boats for crabbing and has a great view of the bay. Do yourself a favor by enjoying an always super potluck on Saturday evening. Your travel agents for this trip are Al and Mary Berg. Call 640-5456 to make your reservations. Rain or shine its a gas.

CU ?

OTVARC

Oregon Tualatin Valley ARC

PO Box 5132

Aloha, OR 97006-0132

Address Correction Requested



DATES TO REMEMBER

April 11 - MS Walk

April 21 - Secretaries Day